

**SERIES 31H
ES-0229**

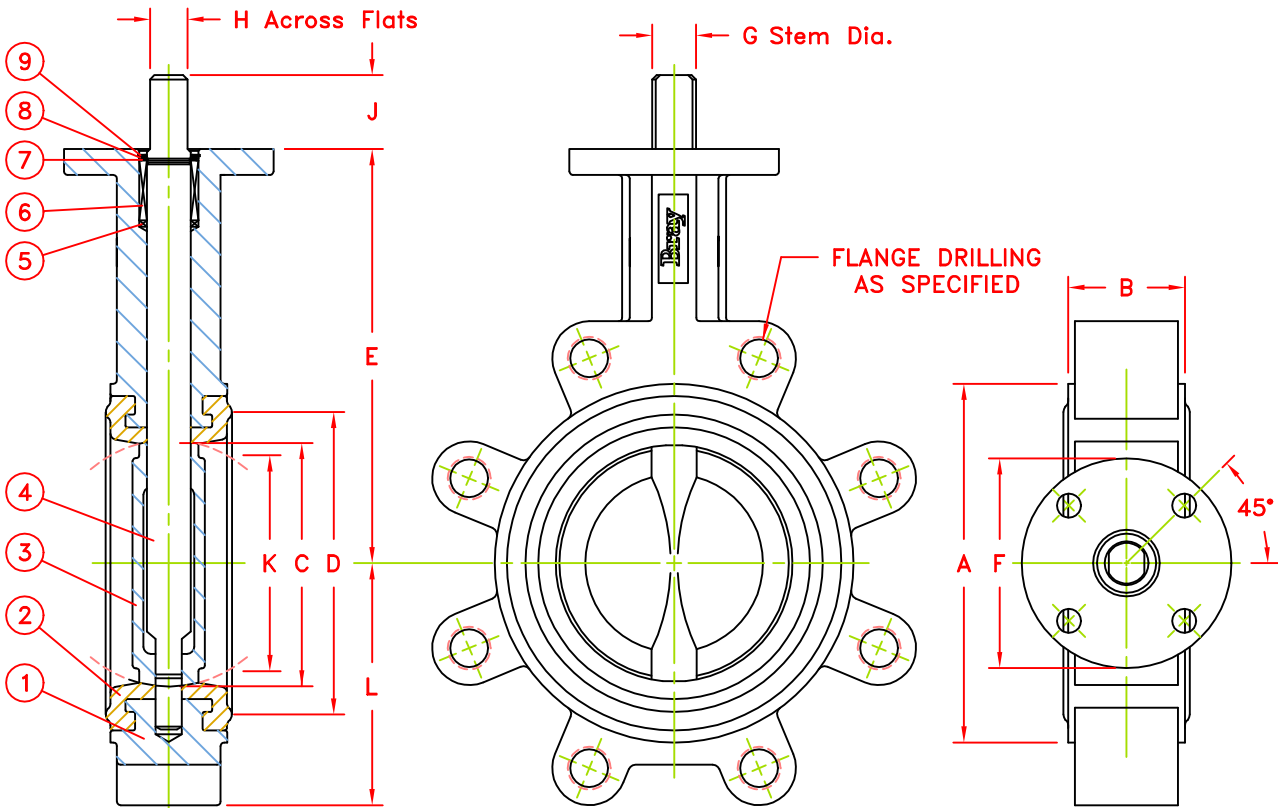
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Valve Size	A	B	C	D	E	F	Top BC	Plate No. of Holes	Drilling Hole Diameter	G	H	J	K	L	Lug BC	Bolting No. of Holes	Data Threads UNC-2B	Adapter Code	Weight
2	3.69	1.62	2.00	2.84	5.50	3.54	2.76	4	.39	.55	.39	1.25	1.32	2.30	4.75	4	.62-11	A	7.0
2½	4.19	1.75	2.50	3.34	6.00	3.54	2.76	4	.39	.55	.39	1.25	1.91	2.57	5.50	4	.62-11	A	8.0
3	4.88	1.75	3.00	4.03	6.25	3.54	2.76	4	.39	.55	.39	1.25	2.55	2.81	6.00	4	.62-11	A	9.0
4	6.06	2.00	4.00	5.16	7.00	3.54	2.76	4	.39	.63	.43	1.25	3.57	4.09	7.50	8	.62-11	B	15.0
5	7.12	2.12	5.00	6.16	7.50	3.54	2.76	4	.39	.75	.51	1.25	4.63	4.61	8.50	8	.75-10	C	20.0
6	8.12	2.12	5.75	7.02	8.00	3.54	2.76	4	.39	.75	.51	1.25	5.45	5.06	9.50	8	.75-10	C	23.0
8	10.50	2.50	7.75	9.47	9.50	5.91	4.92	4	.57	.87	.63	1.25	7.45	6.05	11.75	8	.75-10	D	42.0
10	12.75	2.50	9.75	11.47	10.75	5.91	4.92	4	.57	1.18	.87	2.00	9.53	7.69	14.25	12	.88-9	E	66.0
12	14.88	3.00	11.75	13.47	12.25	5.91	4.92	4	.57	1.18	.87	2.00	11.47	9.02	17.00	12	.88-9	E	88.0

Note: K dim is disc chordal dimension at valve face.



9	RETAINING RING	1			
8	THRUST WASHER	1			
7	STEM RETAINER	2			
6	BUSHING	1			
5	PACKING	1			
4	STEM	1			
3	DISC	1			
2	SEAT	1			
1	BODY	1			

ITEM No.	NAME	No. REQUIRED	SERIES/PART No.	MATERIAL	SPECIFICATION/REMARKS
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Valve Size _____ Flg. Drilling _____
 Pressure Rating _____
 Customer/Project _____
 Inq./P.O. No. _____
 Bray Order No. _____
 Certified Correct By _____ Date _____



The High Performance Company

BRAY VALVE & CONTROLS

A Subsidiary of BRAY INTERNATIONAL, Inc.

PARTS LIST AND DIMENSIONS (Inches)
 BUTTERFLY VALVE, SERIES 31H SIZES 2"-12"
 WITH BONDED SEAT, 250 p.s.i. (16 Bar)

Series	Size	Part No.	Material Trim Code	Drawing No.
				ES-0229

